

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Amended) A method for launching remote applications in a distributed test framework, comprising the operation of:

launching a first application program having a call interface using a first agent process having an agent launcher interface, wherein the call interface provides a reference to the first agent process such that the first application program and the first agent process communicates with each other during execution;

sending a launch request from the first application to the agent launcher interface of the first agent process using the reference to the first agent process, wherein the launch request specifies a second application to be launched, and wherein the launch request defines attributes of a processing resource; and

launching the second application on a processing resource having the attributes defined in the launch request.

2. (Original) A method as recited in claim 1, wherein the second application is launched by a second agent process executing on the processing resource.

3. (Original) A method as recited in claim 2, wherein the second agent process is registered with a look up service, the registering being configured to advertise the attributes of the processing resource.

4. (Original) A method as recited in claim 3, further comprising the operation of providing a system controller in communication with the first agent process and the second agent process.

5. (Original) A method as recited in claim 4, wherein the system controller is configured to search the look up service to locate a processing resource having attributes substantially matching the attributes defined in the launch request.

6. (Amended) A method as recited in claim 5, wherein the second application includes a second [[the]] call interface, and the second call interface further includes a

parameters hash table initialization parameters that provides ~~provide~~ initial values for ~~[[an]]~~ the second application.

7. (Amended) A method as recited in claim 6, wherein the agent launcher interface of the first agent process further includes initial ~~initialization~~ parameters that provide initial values for ~~[[an]]~~ the second application.

8. (Amended) A method as recited in claim 7, wherein the initial values provided by the initial ~~initialization~~ parameters of the agent launcher interface of the first agent process can be passed to the second call interface via the parameters hash table ~~the initialization parameters of the~~ second call interface of the second application.

9. (Amended) A system for launching remote applications in a distributed test framework, comprising:

a first agent process executing on a first processing resource, wherein the first agent process includes an agent launcher interface; and

a first application program having a call interface that provides a reference to the first agent process such that the first application program and the first agent process

communicates with each other during execution, wherein the first application is capable of sending a launch request to the agent launcher interface of the first agent process using the reference to the first agent process, the launch request specifying a second application to be launched and defining attributes of a second processing resource.

10. (Amended) A system as recited in claim 9, wherein the second application is launched on ~~[[a]]~~ the second processing resource having the attributes defined in the launch request

11. (Original) A system as recited in claim 10, wherein the second application is launched by a second agent process executing on the second processing resource.

12. (Amended) A system as recited in claim 11, wherein the second agent process is registered with a look up service, the registering being configured to advertise the attributes of the second processing resource.

13. (Original) A system as recited in claim 12, further comprising a system controller in communication with the first agent process and the second agent process.

14. (Original) A system as recited in claim 13, wherein the system controller is configured to search the look up service to locate a processing resource having attributes substantially matching the attributes defined in the launch request.

15. (Amended) A system as recited in claim 14, wherein the second application includes a second call interface, and the second call interface further includes a parameters hash table initialization parameters that provides ~~provide~~ initial values for ~~[[an]]~~ the second application.

16. (Amended) A system as recited in claim 15, wherein the agent launcher interface of the first agent process further includes initial ~~initialization~~ parameters that provide initial values for ~~[[an]]~~ the second application, wherein the initial values provided by the initial initialization parameters of the agent launcher interface of the first agent process can be passed to the second call interface via the parameters hash table initialization parameters of the second call interface.

17. (Original) A computer program embodied on a computer readable medium for launching remote applications in a distributed test framework, comprising:
Attorney Docket No. SUNMP030

a code segment that receives a reference to a first agent process, wherein the reference can be utilized to access the first agent process during execution;

a code segment that receives initialization parameters for an application, wherein the initialization parameters can be used to set initial values for specific parameters of the application; and

a code segment that calls an agent launcher interface of the agent process using the reference, wherein a request to launch a second application is sent to the agent launcher interface, and wherein attributes of a processing resource are passed to the agent launcher process.

18. (Original) A computer program as recited in claim 17, wherein the attributes are utilized to select a processing resource having substantially matching attributes to execute the second application.

19. (Original) A computer program as recited in claim 18, wherein the processing resource is selected from a list of processing resources advertised on a look up service.

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PATENT

20. (Original) A computer program as recited in claim 19, wherein the selected processing resource includes a second agent process, and wherein the second agent process launches the second application.